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## CLAIMS

1. A system using services, in which an image handling apparatus for controlling an image handling process  
5 concerning the service and an external processing apparatus conducting at least a part of the image handling process by taking place of the image handling apparatus are connected to the system using services through a network, said system comprising:

10 a notification function part informing a change of a state of the image handling apparatus to a predetermined destination.

2. The system using services as claimed in claim 1,  
15 comprising a management function part managing information concerning the change of the state, wherein the information concerning the change of the state managed by the management function part is sent to a predetermined notification destination.

20 3. The system using services as claimed in claim 1, wherein the notification function part sends information a type of which is registered beforehand, from information concerning the change of the state to a predetermined  
25 notification destination.

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4. The system using services as claimed in claim 1, wherein the notification function part sends contents registered beforehand as information concerning the change of the state to a predetermined notification destination registered beforehand.

5. The system using services as claimed in claim 1, further comprising an instructing part instructing a screen display at a display unit of the image handling apparatus, wherein when the state of the image handling apparatus changes, information concerning the change of the state is sent from the image handling apparatus to the instructing part, and the instructing part instructs the display unit to display a screen corresponding to information concerning the change of the state.

6. The system as claimed in claim 5, wherein a terminal apparatus other than the image handling apparatus includes the display unit.

7. The system as claimed in claim 1, wherein the notification function part instructs a display unit of the image handling apparatus as the predetermined notification destination or a display unit of a terminal apparatus other

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than the image handling apparatus, to display a screen corresponding to information concerning the change of the state.

5           8. The system as claimed in claim 1, wherein the notification function part instructs a display unit of the image handling apparatus or a terminal apparatus other than the image handling apparatus to display a screen corresponding to information concerning the change of the state based on an  
10 acquisition request sent from the display unit.

          9. The system using services as claimed in claim 1, wherein the external processing apparatus further comprises an instructing part instructing a display unit of the image  
15 handling apparatus or a terminal apparatus other than the image handling apparatus,

          wherein based on an acquisition request sent from the external processing apparatus, information concerning the change of the state is sent from the instructing part to the  
20 image handling apparatus, and the instructing part instructs the display unit to display a screen corresponding to information concerning the change of the state.

          10. The system using services as claimed in claim  
25 1, wherein the management function part is provided in an

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intermediate apparatus other than the image handling apparatus or the external processing apparatus.

11. An image handling apparatus connectable to an  
5 external processing apparatus through a network and having the external processing apparatus to conduct at least a part of an image handling process concerning services, said image handling apparatus comprising:

a notification function part sending a change of a  
10 state of the image handling apparatus itself to a predetermined notification destination.

12. An external processing apparatus connectable  
to an image handling apparatus through a network and having  
15 the image handling apparatus to conduct at least a part of an image handling process concerning services, said external processing apparatus comprising:

a notification function part sending a change of a  
state of the image handling apparatus to a predetermined  
20 notification destination when the change of the state of the image handling apparatus is received.

13. A state change sending method for sending a  
change of a state of a system using services in which an image  
25 handling apparatus controlled by an image handling process

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concerning services and an external processing apparatus  
conducting a part of the image handling process by taking a  
place of the image handling apparatus are connected through a  
network, said state change sending method comprising the step  
5 of:

sending the change of the state of the image  
handling process apparatus to a predetermined notification  
destination.

10 14. A program product for causing a computer to  
send a change of a state of a system using services in which  
an image handling apparatus controlled by an image handling  
process concerning services and an external processing  
apparatus conducting a part of the image handling process by  
15 taking a place of the image handling apparatus are connected  
through a network, said method comprising the step of:

sending the change of the state of the image  
handling process apparatus to a predetermined notification  
destination.

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15. A system using services in which an image  
handling apparatus and an external processing apparatus are  
connected through a network, wherein:

said external processing apparatus comprises a  
25 controlling part conducting at least a part of an image

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handling process concerning a service by taking place of the image handling apparatus; and

said image handling apparatus comprises a function which is controlled by the image handling process, wherein the function is controlled at a trigger of receiving a request  
5 sent from the controlling part.

16. The system using services as claimed in claim 15, wherein the image handling apparatus comprises a service  
10 providing part allowing an external control to control the function, wherein the image handling process is conducted by externally controlling the function.

17. The system using services as claimed in claim  
15 16, wherein the external processing apparatus controls the function by using the service providing part based on a request received from the image handling apparatus.

18. The system using services as claimed in claim  
20 15, wherein the image handling apparatus comprises a requesting part requesting at least a part of the image handling process to the controlling part.

19. The system using services as claimed in claim  
25 15, wherein the image handling process is realized by one or

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more function controlling parts controlling the function, a service providing part allowing an external control to control the function controlling part, and software externally controlling the function controlling part,

5            wherein the software is implemented in the external processing part as at least a part of the image handling process.

20. The system using services as claimed in claim  
10 18, wherein the requesting part includes an executing part capable of executing at least a part of the image handling process.

21. The system using services as claimed in claim  
15 20, wherein the requesting part requests at least the part of the image handling process to the external processing apparatus through another external processing apparatus.

22. The system using services as claimed in claim  
20 15, wherein the image handling apparatus comprises:

a service providing part capable of internally controlling the function; and

a requesting part controlling the function by using the service providing part.

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23. The system using services as claimed in claim 17, wherein the external processing apparatus controls the function by using the service providing part through another external processing apparatus.

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24. The system using services as claimed in claim 15, wherein the controlling part allows a plurality of functions to cooperate with each other.

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25. The system using services as claimed in claim 24, wherein the controlling part allows one function implemented in one image handling apparatus and another function implemented in another image handling apparatus to cooperate with each other.

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26. The system using services as claimed in claim 15, wherein one controlling part implemented in one external processing apparatus and another controlling part implemented in another external processing apparatus are cooperated with each other.

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27. The system using services as claimed in claim 15, wherein a terminal apparatus comprising a requesting part requesting at least one part of the image handling process to the controlling part is connected to the image handling

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process and the external processing part through the network.

28. The system using services as claimed in claim 18, wherein the external processing apparatus provides a user interface of the controlling part to the requesting part.

29. The system using services as claimed in claim 28, wherein the image handling apparatus further comprises a updating part requesting the controlling part to update the user interface.

30. The system using services as claimed in claim 15, wherein when the image handling apparatus and the external processing apparatus are in an offline state, the image handling apparatus reads out a file for building up the controlling part from a storage area included in the image handling apparatus, builds up the controlling part in the image handling apparatus, and controls the function when a request is made to the controlling part built in the image handling apparatus.

31. The system using services as claimed in claim 30, wherein while the image handling apparatus and the external processing apparatus are in an online state, a file for building up the controlling part is transferred from the

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external processing apparatus to the storage area.

32. The system using services as claimed in claim 28, wherein while the image handling apparatus and the external processing apparatus are in an off line state, at least a part of the user interface of the controlling part is transferred from the external processing apparatus to a storage area, at least the part of the user interface of the controlling part read out from the storage area is provided to the requesting part.

33. The system using services as claimed in claim 30, wherein while the image handling apparatus and the external processing apparatus are in an online, the function is controlled when a request is made to the controlling part built in the external processing apparatus, and while the image handling apparatus and the external processing apparatus are in an offline, the function is controlled when a request is made to the controlling part built in the image handling apparatus.

34. An image handling apparatus connectable to an external processing apparatus through a network, said image handling apparatus comprising a function which is controlled by the image handling process concerning a service, wherein at

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least a part of the image handling process is allowed to be controlled by the external processing apparatus taking a place of the image handling apparatus, and the function is controlled when a request is received from the external  
5 processing apparatus.

35. The image handling apparatus as claimed in claim 34, further comprising a service providing part allowing an external control to control the function, wherein the image  
10 handling process is conducted by externally controlling the function.

36. The image handling apparatus as claimed in claim 35, further comprising a requesting part requesting at  
15 least a part of the image handling process to the external processing apparatus.

37. The image handling apparatus as claimed in claim 36, wherein:  
20 the requesting part includes identification of data required for the image handling process in a request and sends the request to the external processing apparatus; and  
the service providing part uses data corresponding to the identification included in the request received from  
25 the external processing apparatus, and controls the function.

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38. An external processing apparatus connectable to an image handling apparatus through a network, said external processing apparatus comprising:

5 a controlling part controlling at least a part of an image handling process concerning a service by taking a place of the image handling apparatus,

wherein the controlling part requests the image handling apparatus to control a function included in the image handling apparatus in which the function is controlled by the  
10 image handling process.

39. The external processing apparatus as claimed in claim 38, wherein the controlling part controls the  
15 function by using a service providing part included in the image handling apparatus, the service providing part allowing an external control to control the function.

40. A program product causing an external  
20 processing apparatus as a computer to conduct a service, the external processing apparatus connectable to an image handling apparatus through a network, said program product comprising the codes for:

functioning as a controlling part for conducting at  
25 least a part of an image handling process concerning a service

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by taking a place of the image handling apparatus,

wherein the controlling part requests the image handling apparatus to control a function implemented in the image handling apparatus in which the function is controlled  
5 by the image handling process.

41. A system using services in which an information processing apparatus and an external processing apparatus are connected to each other through a network,  
10 wherein:

said external processing apparatus comprises a controlling part conducting at least a part of a process concerning to a service by taking a place of the information processing apparatus; and

15 said information processing apparatus comprises a function which can be controlled by the process, wherein the function is controlled when a request is received from the controlling part.

20 42. The system using services as claimed in claim 41, wherein the information processing apparatus comprises a service providing part allowing an external control to control the function, wherein the function is externally controlled and the function conducts the process.

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43. The system using services as claimed in claim 42, wherein the external processing apparatus controls the function by using the service providing part based on a request received from the information processing apparatus.

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44. The system using services as claimed in claim 41, wherein the information processing apparatus comprises a requesting part requesting at least a part of the process to the controlling part.

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45. The system using services as claimed in claim 45, wherein:

the process is realized by at least one function controlling part controlling the function, a service providing part allowing an external control to control the function controlling part, and software externally controlling the function controlling part; and

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the software is implemented in the external processing apparatus as at least a part of the process.

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46. The system using services as claimed in claim 44, wherein the requesting part comprises an executing part capable of executing at least a part of the process.

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47. The system using services as claimed in claim

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46, wherein the requesting part requests at least a part of the process to the external processing apparatus through another external processing apparatus.

5           48. The system using services as claimed in claim 41, wherein the information processing apparatus comprises:

          a service providing part capable of internally controlling the function; and

          a requesting part controlling the function by using  
10 the service providing part.

          49. The system using services as claimed in claim 43, wherein the external processing apparatus controls the function by using the service providing part through another  
15 external processing apparatus.

          50. The system using services as claimed in claim 41, wherein the controlling part controls a plurality of the functions to be cooperated with each other.

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          51. The system using services as claimed in claim 50, wherein the controlling part controls one function of one information processing apparatus and another function of another information processing apparatus to be cooperated with  
25 each other.

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52. The system using services as claimed in claim 41, wherein one controlling part of one external processing apparatus and another controlling part of another external processing apparatus are controlled to be cooperated with each other.

53. The system using services as claimed in claim 41, wherein a terminal apparatus including a requesting part requesting at least a part of the process to the controlling part is connected to the information processing apparatus and the external processing apparatus through the network.

54. The system using services as claimed in claim 44, wherein the external processing apparatus sends a user interface of the controlling part to the requesting part.

55. The system using services as claimed in claim 54, wherein the information processing apparatus further comprises an updating part requesting an update of the user interface to the controlling part.

56. An information processing apparatus connectable to an external processing apparatus through a network, said information processing apparatus comprising:



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a function controlled by a process concerning a service,

wherein at least a part of the process is allowed to be conducted by the external processing apparatus, instead  
5 of the information processing apparatus itself, and the function is controlled when a request is received from the external processing apparatus.

57. The information processing apparatus as  
10 claimed in claim 56, further comprising a service providing part allowing an external control to control the function, wherein the function is externally controlled and the process is conducted.

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15 58. The information processing apparatus as claimed in claim 57, comprising a requesting part requesting at least a part of the process to the external processing apparatus.

20 59. The information processing apparatus as claimed in claim 58, wherein:

the requesting part includes an identification of data required to the process to a request, sends the request to the external processing apparatus; and

25 the service providing part uses data corresponding

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the identification included in the request received from the external processing apparatus, wherein the function is controlled.

5           60. An external processing apparatus connectable to an information apparatus through a network, the external processing apparatus comprising:

          a controlling part conducting at least a part of a process concerning a service by taking a place of the  
10 information processing apparatus, wherein the controlling part requests to the information processing apparatus to control a function of the information processing apparatus, in which the function controlled by the process.

15           61. The external processing apparatus as claimed in claim 60, wherein the controlling part controls the function by using a service providing part included in the information processing part in which the service providing part can externally control the function .

20           62. A program product causing an external processing apparatus as a computer to conduct a service, the external processing apparatus connectable to an information processing apparatus through a network, said program product  
25 comprising the codes for:

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functioning as a controlling part for conducting at least a part of a process concerning a service by taking a place of the information processing apparatus,

wherein the controlling part requests the  
5 information processing apparatus to control a function implemented in the information processing apparatus in which the function is controlled by the process.